

## CLAIMS

- 1     1.     A system for providing redundancy for telecommunication switches (telecom  
2 switches) receiving control signal data from a control network and bearer traffic data  
3 from a bearer traffic network, said system comprising:
- 4             a primary telecom switch, said primary telecom switch having a primary I/O  
5 board for transmitting and receiving data, said primary I/O board having communicating  
6 relationships through: i) a control signal connection; ii) a bearer traffic connection; and  
7 iii) a primary redundancy connection, said primary telecom switch having a primary  
8 processing board for processing said data;
- 9             a secondary telecom switch, said secondary telecom switch having a secondary  
10 I/O board for transmitting and receiving data, said secondary I/O board having communi-  
11 cating relationships through: i) a control signal connection; and ii) a secondary redun-  
12 dancy connection in communicating relationship with said primary redundancy connec-  
13 tion, said secondary telecom switch having a secondary processing board for processing  
14 said data, wherein said secondary telecom switch assumes the role of said primary tele-  
15 com switch in the event that said primary processing board becomes unavailable, said  
16 secondary telecom switch communicating with said bearer traffic network through said  
17 redundancy connections and said primary I/O board.